BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

						Estimate Cost Rs.	10.00 Lakhs	
Name of Work:-Improvements tomain and cross roads of Rajiv gandhi Nagara in Attur ward no-03.								
	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum							
	Desilting of drains:-Cross roads		2	300.00	0.45	0.35	94.50		
	Road levelling		1	90.00	5.50	0.30	148.50		
							243.00	**86.92**	**21122.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	86.92							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2015-16	Cum							
	Culvert		2	6.00	1.20	0.80	11.52		
							11.52	**299.98**	**3456.00**
	Basic Rate	283.00							
	Area Weightage @ 6%	16.98							
	Total	299.98							

3 KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exceeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12.PWD SR 2016-17)	Cum							
Culvert		2	6.00	1.20	0.15	2.16		
CC Road		1	90.00	5.50	0.15	74.25		
						76.41	**5159.02**	**394201.00**
Basic Rate	4867.00							
Area Weightage @ 6%	292.02							
Total	5159.02							
4 KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum							
bottom concrete		2	6.00	1.00	0.20	2.40		
Side wall		4	6.00	0.20	0.70	3.36		
Deck slab		2	6.00	1.00	0.20	2.40		
For ramp		4	6.00	0.90	0.15	3.24		
						11.40	**6371.66**	**72637.00**
Basic Rate	6011.00							
Area Weightage @ 6%	360.66							
Total	6371.66							

KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Qtl							
0.10Tonne,s/ cum						**0.82**	**60103.06**	**49044.00**
Basic Rate	56701.00							
Area Weightage @ 6%	3402.06							
Total	60103.06							
KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p.no15/4.31)	Sqm							
Side walls		8	6.00		0.70	33.60		
Deck slab		2	6.00	0.60		7.20		
Basic Rate	293.00					**40.80**	**310.58**	**12672.00**
Area Weightage @ 6%	17.58							
Total	310.58							
KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999 Reaffirmed-2008.etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no216,sno28.7.9)	Cum							
CC Road		1	90.00	5.50	0.10	49.50		
						49.50	**7580.06**	**375213.00**
Basic Rate	7151.00							
Area Weightage @ 6%	429.06							
Total	7580.06							

	Vacuum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No 174, I.No 22.7)	Sqm						
			1	90.00	5.50		**495.00**	**95.40**	**47223.00**
	Basic Rate	90.00							
	Area Weightage @ 6%	5.40							
	Total	95.40							
	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications (P.No 175, I.No 22.8.1)	Rmt							
			7	5.50			**38.50**	**121.90**	**4693.15**
	Basic Rate	115.00							
	Area Weightage @ 6%	6.90							
	Total	121.90							
0	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications (Item no17.1,Page no133,PWD SR 2016-17	Cum							
			Vide Item No. 1				**243.00**	**72.08**	**17515.00**
	Basic Rate	68.00							
	Area Weightage @ 6%	4.08							
	Total	72.08							
			4						

1	Miscellaneous charges								2223.85
								Total RS	1000000.00

(Rupees Ten lakhs only)

ertificate

1. The work spot has been inspected and the work is found necessary.
2. This estimate is prepared as per C.S.R. of 2016-17
3. The provisions were made in this estimate are necessary and adequate.
4. This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

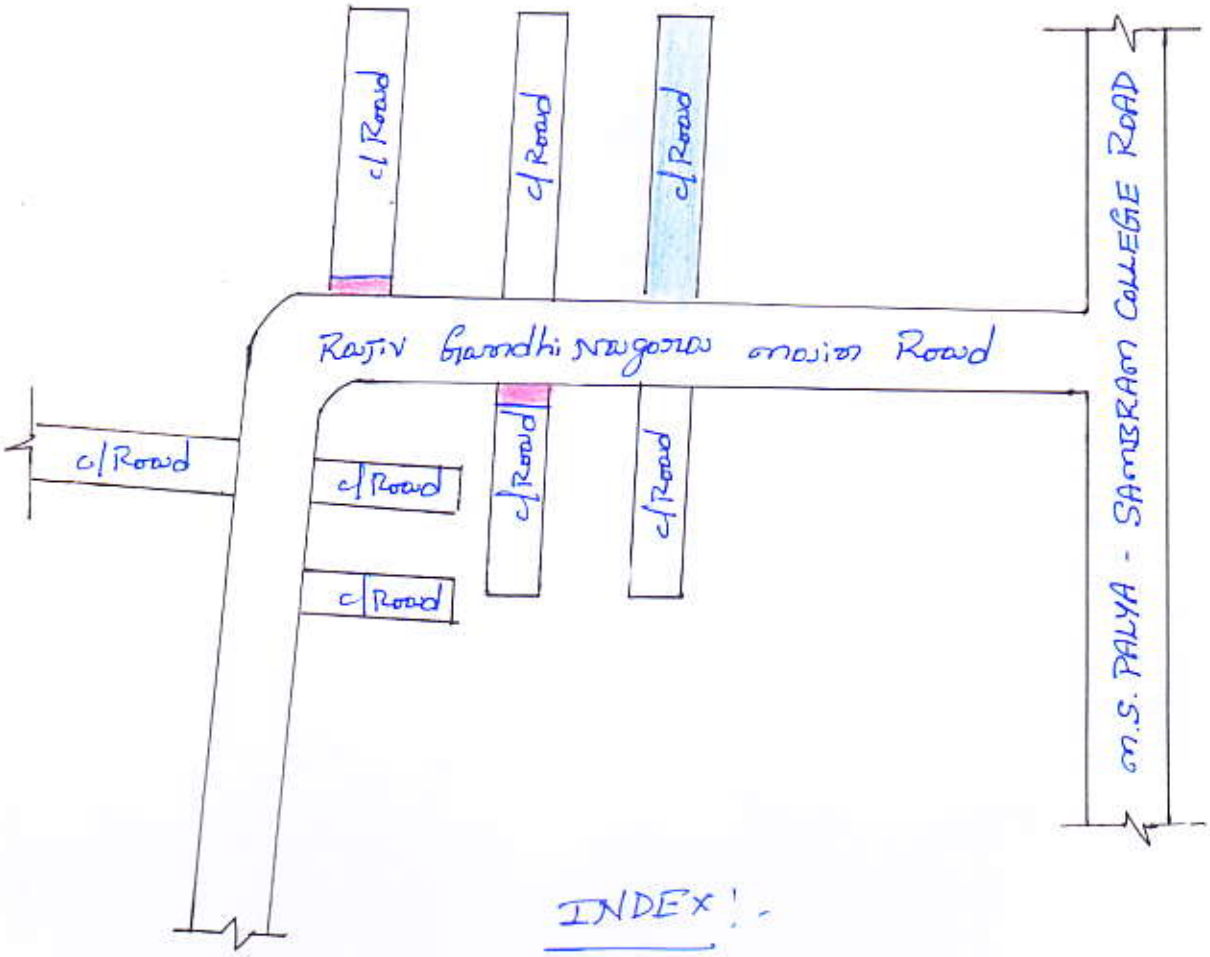
Administrative Sanction for Rs. 10.00 lacs
One Lacks Rupees
- Only
is accepted under head P-1771-
2016-17
Registered as CE No. Subject
to conditions mentioned in enclosed memo
No. EE/AA/57/16-17 Dt. 16.2.17

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10
Rupees Ten Lakhs
- Only
Under P-1771-2016
Registered as CE ( ) No.
Subject to conditions
enclosed memo ( ) No.
Dt.
EE/TS/79/16-17
Dated 16.2.2017 10.00

Executive E

Name of work: Improvements to main and cross roads of Rajiv Gandhi Nagara in Attur ward No-03.



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- CC Road

AE-03

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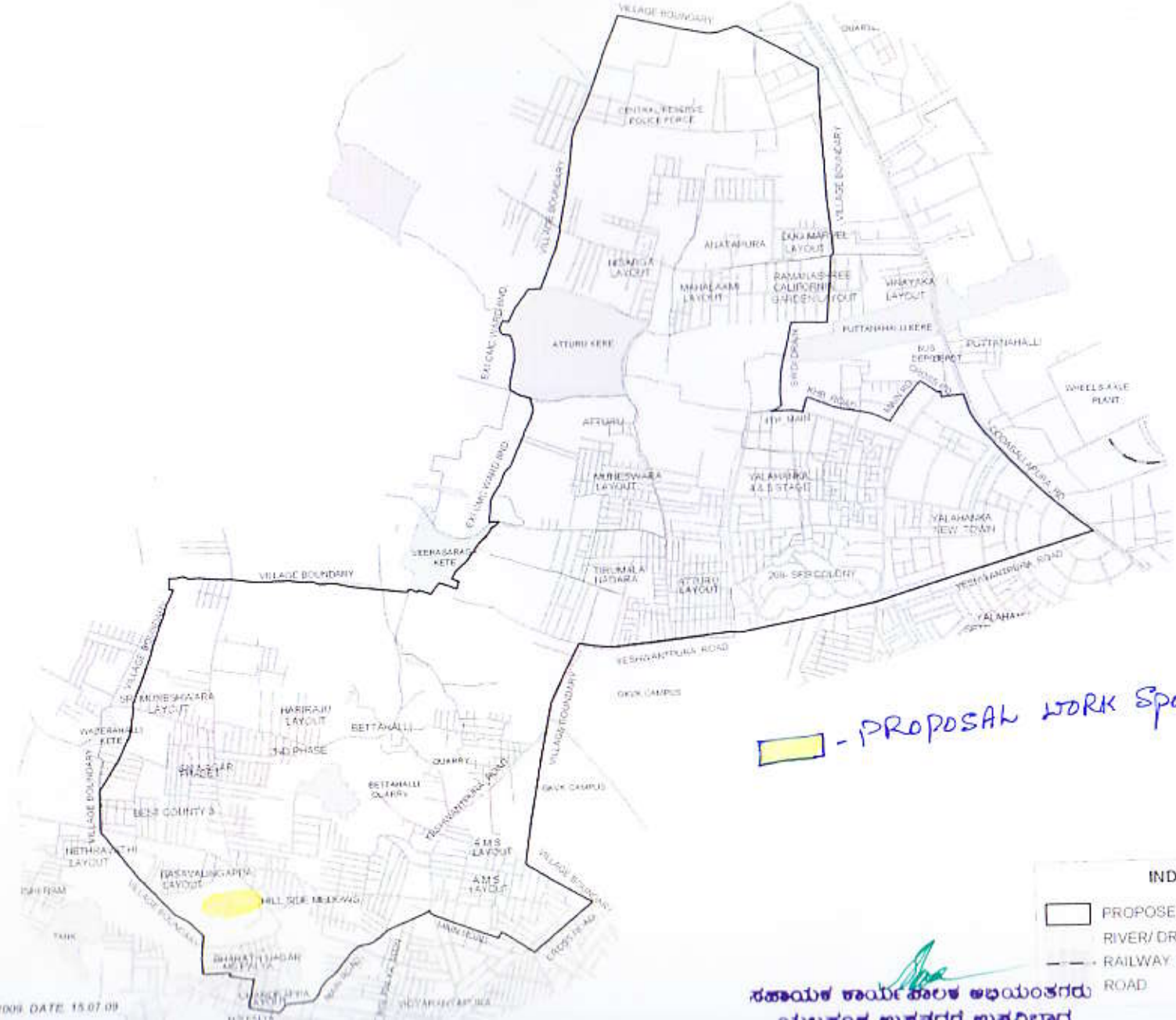
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU



NOTIFICATION NO. UDD 59 MLR 2009, DATE: 15.07.09

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